

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number ST02269LA

This Certificate issued to **QUIET WING TECHNOLOGIES INC.
12324 134th COURT NE
REDMOND, WA 98034**

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.*

Original Product Type Certificate Number: A3WE

Make: Boeing

Model: 727-31, Serial Number 20115 only

Description of Type Design Change: Installation of Quiet Wing Transient Suppression Device for Fuel Quantity Indication System, installation of Float level Sensor Adapter, and installation of Fuel Pump Universal Fault Interrupter in accordance with 14 CRF part 21 SFAR No. 88, § 25.981 (a),(b) amendment 25-102, fuel tank ignition prevention. This STC shall be installed in accordance with Modification Instructions document, No: M727-8-2009 dated November 5, 2009 Rev. A, or later FAA approved revisions, and operated in accordance with Airplane Flight Manual Supplement No. QWT727801-31 dated February 11, 2010 or later FAA approved revisions, and must be maintained in accordance with the Instructions for Continued Airworthiness (ICA) document QWT727821, Revision A, dated November 6, 2009, or later FAA approved revision.

Limitations and Conditions: Data pertaining to this installation is only applicable to Boeing 727-31 airplane configured as serial number 20115, and may not be duplicated in other aircraft. A copy of this STC must be included in the permanent records of this modified aircraft and Modification Instructions shall be maintained as part of the permanent records for this modified aircraft. You are required to maintain an updated file related to this STC. (See continuation page 3 for further Limitations and Conditions).

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: December 03, 2008

Date reissued: November 18, 2011

Date of issuance: February 16, 2010

Date amended:



By direction of the Administrator
Christopher Bowles
(Signature)

505 Supervisor, Technical & Administrative Support Staff
Los Angeles Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

Supplemental Type Certificate

(Continuation Sheet)

Number ST02269LA

Limitations and Conditions continued:

I. Installation of this Supplemental Type Certificate is an Alternative Method of Compliance (AMOC) to Airworthiness Directive AD2008-12-03; this airplane may operate with the auxiliary fuel tanks operational. The following conditions are also applicable.

- a. Notify the airplane's Principal Maintenance Inspector of this AMOC.
- b. This AMOC is transferable with airplane to other operators.
- c. Make an entry of this change in the airplane's record.

II. Certification basis is set forth in the Type Certification Data Sheet A3WE. Compliance with 14 CFR part 26.47 aging airplane safety rule – damage tolerance for 14 CFR part 121 operations is limited by instructions found in ICA document, QWT727821, Revision A, dated November 6, 2009, or later FAA approved revision.

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Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.